

What is claimed is:

- 1 1. A dental instrument comprising:
2 an actuating assembly; and
3 a grasping assembly, coupled to the actuating assembly,
4 adapted to conform to the contour of a dental appliance;
5 wherein a member of the actuating assembly or the
6 grasping assembly is adapted to facilitate distal, mesial, or
7 both distal and mesial manipulation of the dental appliance.
- 1 2. The instrument of claim 1, wherein the grasping
2 assembly comprises a plurality of members, each having a
3 grasping surface.
- 1 3. The instrument of claim 2, wherein the members are
2 angled to approximate the contour of the dental appliance.
- 1 4. The instrument of claim 2, wherein the members are
2 curved to approximate the contour of the dental appliance.
- 1 5. The instrument of claim 4, wherein the members are
2 curved concavely.
- 1 6. The instrument of claim 4, wherein the members are
2 curved convexly.

1 7. The instrument of claim 2, wherein a first of the
2 members comprises an apical seat near the top of its grasping
3 surface.

1 8. The instrument of claim 2, wherein one of the
2 members comprises a traction feature disposed upon its
3 grasping surface.

1 9. The instrument of claim 1, wherein the grasping
2 assembly is removably coupled to the actuating assembly.

1 10. The instrument of claim 1, wherein the grasping
2 assembly is permanently coupled to the actuating assembly.

1 11. The instrument of claim 1, wherein the grasping
2 assembly is formed as part of the actuating assembly.

1 12. The instrument of claim 2, wherein a portion of the
2 actuating assembly is angled to facilitate exclusively distal
3 manipulation of the dental appliance.

1 13. The instrument of claim 2, wherein a portion of the
2 actuating assembly is curved to facilitate exclusively mesial
3 manipulation of the dental appliance.

1 14. The instrument of claim 2, wherein a portion of the
2 grasping assembly is angled to facilitate exclusively distal
3 manipulation of the dental appliance.

1 15. The instrument of claim 2, wherein a portion of the
2 grasping assembly is curved to facilitate exclusively distal
3 manipulation of the dental appliance.

1 16. The instrument of claim 1, wherein the actuating
2 assembly is a bifurcated actuating assembly.

1 17. The instrument of claim 1, further comprising a
2 locking assembly disposed along the actuating assembly.

1 18. The instrument of claim 2, wherein a portion of the
2 actuating assembly is formed to selectively facilitate mesial
3 or distal manipulation of the dental appliance.

1 19. A dental instrument, adapted to facilitate distal,
2 mesial, or both distal and mesial manipulation of a dental
3 appliance, comprising:

4 a grasping assembly, having a grasping surface shaped to
5 approximate contour of the dental appliance, and having an
6 apical seating member disposed near the top of the grasping
7 surface; and

8 an actuating assembly, operatively coupled to the
9 grasping assembly.

1 20. A matrix band placement apparatus, adapted to
2 facilitate distal, mesial, or both distal and mesial matrix
3 band manipulation, comprising:

4 a first grasping member, having a first surface shaped to
5 approximate curvature of a matrix band, having an apical
6 seating member disposed along an upper edge of the first
7 surface;

8 a second grasping member, having a first surface shaped
9 to approximate curvature of a matrix band and shaped to
10 cooperatively engage with the first surface of the first
11 grasping member; and

12 a compound actuating assembly, operatively coupled to the
13 first and second grasping members, adapted to cooperatively
14 engage the first and second grasping members, having a locking
15 assembly disposed and adapted to secure engagement of the
16 first and second grasping members.